large DNA inserts into plant genomes. Vectors have been designed to replicate in both *E. coli* and *A. tumefaciens* and have all of the features required for transferring large inserts of DNA into plant chromosomes (Choi and Wing, on the world wide web at genome.clemson.edu/protocols2-nj.html July, 1998). ApBACwich system has been developed to achieve site-directed integration of DNA into the genome. A 150 kb cotton BAC DNA is reported to have been transferred into a specific *lox* site in tobacco by biolistic bombardment and *Cre-lox* site specific recombination.--

Please replace the paragraph at page 93, lines 12-18, with the following paragraph:

-- Primers are designed from good quality unique sequences. A public available primer design software program, PRIMER 3, (Cambridge, MA) is used. PRIMER 3 can be accessed though the internet at genome.wi.mit.edu/cgi-bin/primer/primer3.cgi. Default parameters are used except those for product size and primer size are changed. Product Size is Min: 80, Opt: 100, Max: 120 , while Primer Size is Min: 18, Opt: 22 and Max: 27. Oligos are synthesized by Genosis Biotechnologies, Inc (Houston, Texas).—

In the claims:

Please cancel claims 8-15 without prejudice to pursuing the underlying subject matter, and enter the following amended claims:

1. (Twice Amended) A substantially purified nucleic acid molecule comprising a fragment from about 30 to about 300 nucleotides residues, wherein said fragment exhibits complete complementarity to a second nucleic acid molecule having a nucleic acid sequence selected from the group consisting of SEQ ID NO: 2 and a complement thereof.

4. (Twice Amended) The substantially purified nucleic acid molecule according to claim 1, wherein said nucleic acid molecule comprises a nucleic acid molecule having a nucleic acid sequence selected from the group consisting of SEQ ID NO: 2 and a complement thereof.